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MEV-004

**POST GRADUATE DIPLOMA IN
ENVIRONMENTAL AND
OCCUPATIONAL HEALTH (PGDEOH)
Term-End Examination
December, 2024**

MEV-004 : ENVIRONMENTAL TOXICOLOGY

Time : 3 Hours

Maximum Marks : 100

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- Note :** (i) Attempt any **four** questions from Section A.
(ii) Attempt any **four** questions from Section B.
(iii) All questions in Section A carry 10 marks each and in Section B carry 15 marks each.
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Section—A

1. Explain the various stages of health risk assessment. 10
2. Describe food intoxication with suitable examples. 10

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3. Discuss Neurotoxicants with some examples. 10
4. Describe the *two* types of degradation processes that help in the removal of chemicals from the ecosystem. 10
5. Discuss biomagnification with a suitable case study. 10
6. Describe the limitations of toxicity risk assessment. 10

Section—B

7. List and describe the sources of teratogens and write their effects. 15
8. Explain the various DNA-repair systems. 15
9. Describe the various sources of mutagens and their effects. 15
10. Discuss any *two* bioassays in toxicological testing. 15
11. Explain bioremediation with the help of examples. 15
12. Discuss xenobiotics and their environmental persistence. 15

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